



27/774

PTO/SB/17 (08-00)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL

Patent fees are subject to annual revision.

Complete If Known

Application Number	10/698,433
Filing Date	3 November 2003
First Named Inventor	JUNG-KEUN AHN <i>et al.</i>
Examiner Name	LONEY DONALD J.
Group/Art Unit	1772
Attorney Docket No.	P56975

TOTAL AMOUNT OF PAYMENT

(\$ **180.00**)

METHOD OF PAYMENT (check one)

1. Payment Enclosed:

(CHECK #51000)

☒ Check ☐ Credit Card ☐ Money Order
☐ Other

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

☐ Applicant claims small entity status. See 37 CFR 1.27

2. The Commissioner is hereby authorized to charge any deficiency and credit any over payments to:

Deposit Account Number: **02-4943**

FEE CALCULATION

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
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EXTENSION OF TIME FEES

1251	120	2251	60	Extension for reply within first month	\$
1252	450	2252	225	Extension for reply within second month	\$
1253	1020	2253	510	Extension for reply within third month	\$
1254	1590	2254	795	Extension for reply within fourth month	\$
1255	2160	2255	1080	Extension for reply within fifth month	\$

APPEAL

1401	500	2401	250	Notice of Appeal	\$
1402	500	2402	250	Filing a brief in support of an appeal	\$
1403	1000	2403	500	Request for oral hearing	\$

CLAIMS

1201	200	2201	100	Independent claims in excess of 3	\$
1202	50	2202	25	claims in excess of 20	\$

Other Fee (specify) _____ \$

Other Fee (specify) _____ \$

Other Fee (specify) _____ \$

SUBTOTAL: LEFT COLUMN \$ 0.00

FEE CALCULATION

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
MISCELLANEOUS					
1801	\$790	2801	\$395	Request for continued examination (RCE)	\$
1806	\$180			Submission of an IDS	\$180.00
1814	\$130	2814	\$65	Statutory disclaimer	\$
8021	\$40			Recordation of assignment per property	\$

TRADEMARK

6001/7001	\$335			Application for registration, per class	\$
6002/7002	\$100			Amendment to Allege Use, per class	\$
6003/7003	\$100			Statement of Use, per class	\$
6004/7004	\$150			Request for six-month extension of time, per class	\$
6205/7205	\$100			\$8 affidavit, per class	\$
6208/7208	\$200			\$15 affidavit, per class	\$
6201/7201	\$400			Application for renewal, per class	\$
6403/7403	\$100			Ex parte appeal, per class	\$

PETITION

1462	\$400			Petitions to Director (Group I)	\$
1463	\$200			Petitions to Director (Group I)	\$
1464	\$130			Petitions to Director (Group II)	\$
1452	\$500	2452	\$250	Petitions to revive unavoidably abandoned application	\$
1453	\$1500	2453	\$750	Petitions to revive unintentionally abandoned application	\$

PATENT MAINTENANCE

1551	\$900	2551	\$450	Due at 3.5 years	\$
1552	\$2300	2552	\$1150	Due at 7.5 years	\$
1553	\$3800	2553	\$1900	Due at 11.5 years	\$

Other Fee (specify) _____ \$

Other Fee (specify) _____ \$

Other Fee (specify) _____ \$

SUBTOTAL: RIGHT COLUMN \$ 180.00

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	Robert E. Bushnell, Esq.	Reg. Number	27,774
Signature	<i>Robert E. Bushnell</i>	Date	27 June 2006
		Deposit Account User ID	

REB/ks

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PATENT
P56975

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JUNG-KEUN AHN *et al.*

Serial No.: 10/698,433

Examiner: LONEY DONALD J.

Filed: 3 November 2003

Art Unit: 1772

For: PLASMA DISPLAY PANEL

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, describes, and provides copies of the following art references.

FOREIGN PATENT REFERENCE:

- Japanese Patent Publication No. 2001-307643 to Yoshikawa, *et al.*, entitled *DISPLAY PANEL AND FLAT DISPLAY DEVICE*, published on 2 November 2001 (with English abstract).
- Japanese Patent Publication No. 2000-277020 to Tanaka, entitled *PLASMA DISPLAY PANEL*, published on 6 October 2000 (with English abstract).
- Japanese Patent Publication No. 2001-160360 to Saito, *et al.*, entitled *PLASMA DISPLAY PANEL*, published on 12 June 2001 (with English abstract). (**already cited in Information Disclosure Statement filed on 3 November 2003 and 8 December 2004**).
- Japanese Patent Publication No. 2002-304948 to Morikawa, *et al.*, entitled *PLASMA DISPLAY PANEL*, published on 18 October 2002 (with English abstract).

06/28/2006 HAL111 00000182 10698433
01 FC:1806 180.00 OP

- Japanese Patent Publication No. 2000-340123 to Amamiya, entitled *PLASMA DISPLAY PANEL*, published on 8 December 2000 (with English abstract).
- International Patent Publication No. 02/084689 to Fujinaga, *et al.*, entitled *PARTITION WALL FORMING METHOD FOR PLASMA DISPLAY PANELS USING SANDBLAST*, published on 24 October 2002 (with English abstract).

OTHER DOCUMENTS:

- Japanese Office action for Japanese Patent Application No. 2003-277532, issued on 6 June 2006.

DISCUSSION

Yoshikawa JP'643, according to the Japanese Office action in applicant's Japanese patent application Serial No. 2003-277532, discloses that a display panel is equipped with a substrate, a barrier wall formed on the substrate and a dummy barrier wall. An effective region for a display and an ineffective region that is located at a peripheral portion of the effective region and surrounds the effective region, are comprised. For a part of the substrate corresponding to the effective region, plural numbers of the barrier walls of a stripe shape are formed, and the dummy barrier walls are formed on the part of the substrate positioned between the connecting portion of the ineffective region connecting with an interior space of a flat display device in assembling the flat display device and the effective region.

Tanaka JP'020, discloses that a front glass substrate and a back glass substrate are arranged opposite to each other through a discharge space. Peripheral part thereof is sealed by a seal layer. A first barrier for partitioning the discharge space of a display area is formed. A second barrier extended in nearly parallel with the seal layer and having plural intermittent parts (notch part, interval) is formed in an area inside of the seal layer and outside of the display area. A third barrier is formed in nearly parallel with the seal layer at a position opposite to the intermittent part of the second barrier in an area outside of the display area. Diffusion of the impurity gas discharged from

the seal layer into the display area is prevented, and pollution of the surface of a protecting film is prevented.

Morikawa JP'948, discloses that this plasma display panel is equipped with a back substrate, plural discharge cells formed by arranging them in a zigzag shape on the back substrate, plural barrier ribs surrounding respective discharge spaces of the plural discharge cells, a phosphor film formed on the inner wall surface of each barrier rib and on the back substrate inside the barrier plate, and a front substrate disposed face to face with the back substrate while having a discharge electrode corresponding to the discharge cell. The barrier rib is formed separately from other adjacent barrier ribs surrounding the discharge cells, and its outline on a plan view is formed in a polygonal shape with number of sides more than that of a pentagon.

Amamiya JP'123, discloses that this plasma display panel is provided with barrier ribs disposed between a front glass substrate and a back glass substrate and dividing a discharge space in the row direction and in the column direction into unit luminous areas by longitudinal ribs extending in the column direction and by lateral ribs extending in the row direction. Raised parts are formed on portions of dielectric layers confronting the lateral ribs of the barrier ribs so as to project toward the lateral ribs side to close a space left by the lateral ribs, and outer end parts of the barrier ribs are positioned in positions opposite to portions of the dielectric layers where no raised parts are formed.

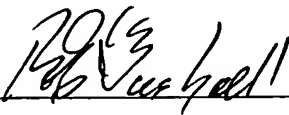
Fujinaga WO'689, discloses that a partition wall is formed by the steps of preparing a laminar partition wall material covering the display region and outer side of a substrate surface, preparing a patterning mask extending across the display region and outer side, making the portion disposed outside the display region in the mask into a lattice-like pattern, patterning the partition wall material locally covered by the mask by means of sand blast, and firing the patterned partition wall material.

Pursuant to 37 CFR §1.97(d), the undersigned attorney hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three (3) months prior to the filing of the statement.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

Pursuant to 37 C.F.R. §1.97(c)(2), the fee set forth under 37 C.F.R. §1.17(p) of \$180.00 accompanies this Information Disclosure Statement. Should the check become lost, be deficient in payment, or should other fees be incurred, the Commissioner is authorized to charge Deposit Account No. 02-4943 of Applicant's undersigned attorney in the amount of such fees.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Rob Bushnell", is written over a horizontal line.

Robert E. Bushnell

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Attorney for the Applicant

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I.D.: REB/ks

**INFORMATION DISCLOSURE STATEMENT****PTO-1449 (PAGE 1 OF 1)**

SERIAL NUMBER 10/698,433

DOCKET NO. P56975

APPLICANT JUNG-KEUN AHN *et al.*

FILING DATE 3 November 2003

GROUP 1772

U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS**TRANSLATION**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	JP 2001-307643	11/01	JAPAN			Abstract	
	JP 2000-277020	10/00	JAPAN			Abstract	
	JP 2002-304948	10/02	JAPAN			Abstract	
	JP 2000-340123	12/00	JAPAN			Abstract	
	WO 02/084689	10/02	WIPO			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Japanese Office Action of the Japanese Patent Application No. 2003-277532, issued on 6 June 2006

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.